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What is Claimed is:

1. A compound of the formula (II):

wherein:

G is:

phenyl, naphthyl, benzocyclobutanyl, dihydronaphthyl, tetrahydronaphthyl, benzocycloheptanyl, benzocycloheptenyl, indanyl, indenyl;

pyridinyl, pyridonyl, quinolinyl, dihydroquinolinyl, tetrahydroquinoyl, isoquinolinyl, tetrahydroisoquinoyl, pyridazinyl, pyrimidinyl, pyrazinyl, benzimidazolyl, benzthiazolyl, benzoxazolyl, benzofuranyl, benzothiophenyl, benzpyrazolyl, dihydrobenzofuranyl, dihydrobenzothiophenyl, benzooxazolonyl, benzo[1,4]oxazin-3-onyl, benzodioxolyl, benzo[1,3]dioxol-2-onyl, benzofuran-3-onyl, tetrahydrobenzopyranyl, indolyl, indolinyl, indolonyl, indolinonyl, phthalimidyl, chromoyl;

oxetanyl, tetrahydrofuranyl, tetrahydrothiophenyl, piperidinyl, piperazinyl, morpholinyl, tetrahydropyranyl, dioxanyl, tetramethylene sulfonyl, tetramethylene sulfoxidyl, oxazolinyl, thiazolinyl, imidazolinyl, tertrahydropyridinyl, homopiperidinyl, pyrrolinyl, tetrahydropyrimidinyl, decahydroquinolinyl, decahydroisoquinolinyl, thiomorpholinyl, thiazolidinyl, dihydrooxazinyl, dihydropyranyl, oxocanyl, heptacanyl, thioxanyl or dithianyl;

wherein G is substituted by one or more R_1 , R_2 or R_3 ;

Ar is:

phenyl, naphthyl, quinolinyl, isoquinolinyl, tetrahydronaphthyl, tetrahydroquinolinyl, tetrahydroisoquinolinyl, benzimidazolyl, benzofuranyl, dihydrobenzofuranyl, indolinyl, benzothienyl, dihydrobenzothienyl, indanyl, indenyl or indolyl each being optionally substituted by one or more R₄ or R₅;

X is:

a C_{5-8} cycloalkyl or cycloalkenyl optionally substituted with one to two oxo groups or one to three C_{1-4} alkyl, C_{1-4} alkoxy or C_{1-4} alkylamino chains;

phenyl, furanyl, thienyl, pyrrolyl, pyrazolyl, imidazolyl, pyridinyl, pyrimidinyl, pyridinonyl, dihydropyridinonyl, maleimidyl, dihydromaleimidyl, piperdinyl, benzimidazole, 3H-imidazo[4,5-b]pyridine, piperazinyl, pyridazinyl or pyrazinyl;

Y is:

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a bond or a C_{1-4} saturated or unsaturated branched or unbranched carbon chain optionally partially or fully halogenated, wherein one or more methylene groups are optionally replaced by O, N, or $S(O)_m$ and wherein Y is optionally independently substituted with one to two oxo groups, phenyl or one or more C_{1-4} alkyl optionally substituted by one or more halogen atoms;

Z is:

halogen, C₁₋₄ alkyl, nitrile, amino, hydroxy, C₁₋₆ alkoxy, NH₂C(O), mono- or di(C₁₋₃alkyl) aminocarbonyl, mono- or di(C₁₋₃alkyl)amino, secondary or tertiary amine wherein the amino nitrogen is covalently bonded to C₁₋₃ alkyl or C₁₋₅ alkoxyalkyl, pyridinyl-C₁₋₃ alkyl, imidazolyl-C₁₋₃ alkyl, tetrahydrofuranyl-C₁₋₃ alkyl, nitrile-C₁₋₃ alkyl, carboxamide-C₁₋₃ alkyl, phenyl, wherein the phenyl ring is optionally substituted with one to two halogen,

C₁₋₆ alkoxy, hydroxy or mono- or di-(C₁₋₃ alkyl)amino, C₁₋₆ alkyl-S(O)_m, or phenyl-

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 $S(O)_m$, wherein the phenyl ring is optionally substituted with one to two halogen, C_{1-6} alkoxy, hydroxy, halogen or mono- or di- $(C_{1-3}$ alkyl)amino;

 C_{1-6} alkyl-S(O)_m, and phenyl-S(O)_m, wherein the phenyl ring is optionally substituted with one to two halogen, C_{1-6} alkoxy, hydroxy or mono- or di-(C_{1-3} alkyl)amino;

each R₁ is independently:

 C_{1-10} alkyl optionally be partially or fully halogenated, and optionally substituted with one to three C_{3-10} cycloalkanyl, hydroxy, phenyl, naphthyl, pyridinyl, pyrimidinyl, pyrazinyl, pyridazinyl, pyrrolyl, imidazolyl, pyrazolyl, thienyl, furyl, isoxazolyl or isothiazolyl; each of the aforementioned being optionally substituted with one to five groups selected from halogen, C_{1-6} alkyl which is optionally partially or fully halogenated, C_{3-8} cycloalkanyl, C_{5-8} cycloalkenyl, hydroxy, nitrile, C_{1-3} alkoxy which is optionally partially or fully halogenated or $NH_2C(O)$, mono- or $di(C_{1-3}alkyl)$ amino, and mono- or $di(C_{1-3}alkyl)$ aminocarbonyl;

cyclopropyloxy, cyclobutyloxy, cyclopentyloxy, cyclohexyloxy, or cycloheptyloxy each being optionally partially or fully halogenated and optionally substituted with one to three C_{1-3} alkyl groups optionally partially or fully halogenated, CN, hydroxy C_{1-3} alkyl or aryl; or an analog of such cycloalkyl group wherein one to three ring methylene groups are independently replaced by O, $S(O)_m$, CHOH, >C=O, >C=S or NH;

phenyloxy or benzyloxy each being optionally partially or fully halogenated and optionally substituted with one to three C_{1-3} alkyl groups optionally partially or fully halogenated, CN, hydroxy C_{1-3} alkyl or aryl; or an analog of such cycloaryl group wherein one to two ring methyne groups are independently replaced by N;

cyclopropanyl, cyclobutanyl, cyclopentanyl, cyclohexanyl, cyclohexanyl, bicyclopentanyl, bicyclohexanyl or bicyclohexanyl, each being optionally partially or fully halogenated and optionally substituted with one to three C_{1-3} alkyl optionally

partially or fully halogenated, CN, hydroxyC_{1.3}alkyl or aryl; or an analog of such cycloalkyl group wherein one to three ring methylene groups are independently replaced by O, S(O)_m, CHOH, >C=O, >C=S or NH;

C₃₋₁₀ branched or unbranced alkenyl each being optionally partially or fully halogenated, and optionally substituted with one to three C₁₋₅ branched or unbranched alkyl, phenyl, naphthyl, pyridinyl, pyrimidinyl, pyrazinyl, pyridazinyl, pyrrolyl, imidazolyl, pyrazolyl, thienyl, furyl, isoxazolyl or isothiazolyl, each of the aforementioned being substituted with one to five halogen, C₁₋₆ alkyl which is optionally partially or fully halogenated, cyclopropanyl, cyclobutanyl, cyclopentanyl, cyclohexanyl, cyclohexanyl, bicyclohexanyl and bicycloheptanyl, hydroxy, nitrile, C₁₋₃ alkyloxy which is optionally partially or fully halogenated, NH₂C(O), mono- or di(C₁₋₃ alkyl)aminocarbonyl; the C₃₋₁₀ branched or unbranced alkenyl being optionally interrupted by one or more heteroatoms chosen from O, N and S(O)_m;

cyclopentenyl, cyclohexenyl, cyclohexadienyl, cycloheptenyl, cycloheptadienyl, bicyclohexenyl or bicycloheptenyl, wherein such cycloalkenyl group is optionally substituted with one to three C_{1-3} alkyl groups;

20 nitrile, halogen;

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methoxycarbonyl, ethoxycarbonyl and propoxycarbonyl;

silyl containing three C₁₋₄ alkyl groups optionally partially or fully halogenated;

 C_{3-6} alkynyl branched or unbranched carbon chain optionally partially or fully halogenated, wherein one or more methylene groups are optionally replaced by O, NH or $S(O)_m$ and wherein said alkynyl group is optionally independently substituted with one to two oxo groups, pyrroldinyl, pyrrolyl, one or more C_{1-4} alkyl optionally substituted by one or more halogen atoms, nitrile, morpholino, piperidinyl, piperazinyl, imidazolyl, phenyl, pyridinyl, tetrazolyl, or mono- or $di(C_{1-3}alkyl)$ amino optionally substituted by

one or more halogen atoms;

each R2, R4, and R5 is

- a C₁₋₆ branched or unbranched alkyl optionally partially or fully halogenated, acetyl, aroyl, C₁₋₄ branched or unbranched alkoxy, each being optionally partially or fully halogenated, halogen, methoxycarbonyl, C₁₋₃ alkyl-S(O)_m optionally partially or fully halogenated, or phenylsulfonyl;
- 10 C₁₋₆ alkoxy, hydroxy, amino, or mono- or di-(C₁₋₄ alkyl)amino, nitrile, halogen;

 OR_6 ;

nitro; or

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mono- or di- $(C_{1-4}$ alkyl)amino- $S(O)_2$ optionally partially or fully halogenated, or H_2NSO_2 ;

each R₃ is independently:

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phenyl, naphthyl, morpholinyl, pyridinyl, pyrimidinyl, pyrazinyl, pyridazinyl, pyrrolyl, pyrrolidinyl, imidazolyl, pyrazolyl, thiazolyl, oxazoyl, triazolyl, tetrazolyl, thienyl, furyl, tetrahydrofuryl, isoxazolyl, isothiazolyl, quinolinyl, isoquinolinyl, indolyl, benzimidazolyl, benzofuranyl, benzoxazolyl, benzisoxazolyl, benzpyrazolyl, benzothiofuranyl, cinnolinyl, pterindinyl, phthalazinyl, naphthypyridinyl, quinoxalinyl, quinazolinyl, purinyl or indazolyl, each of the aforementioned is optionally substituted with one to three phenyl, naphthyl, heterocycle or heteroaryl as hereinabove described in this paragraph, C₁₋₆ branched or unbranched alkyl which is optionally partially or fully halogenated, cyclopropanyl, cyclobutanyl, cyclopentanyl, cyclohexanyl, cyclohexanyl, bicyclohexanyl, bicyclohexanyl, phenyl C₁₋₅ alkyl, naphthyl C₁₋₅ alkyl, halogen, hydroxy, oxo, nitrile, C₁₋₃ alkyloxy optionally partially or fully halogenated,

phenyloxy, naphthyloxy, heteroaryloxy or heterocyclicoxy wherein the heterocyclic or heteroaryl moiety is as hereinabove described in this paragraph, nitro, amino, mono- or di-(C₁₋₃alky)lamino, phenylamino, naphthylamino, heteroaryl or heterocyclic amino wherein the heteroaryl heterocyclic moiety is as hereinabove described in this paragraph, NH₂C(O), a mono- or di-(C₁₋₃alkyl) aminocarbonyl, C₁₋₅ alkyl-C(O)-C₁₋₄ alkyl, amino-C₁₋₅ alkyl, mono- or di-(C₁₋₃alkyl)amino-C₁₋₅ alkyl, amino-S(O)₂, di-(C₁₋₃alkyl)amino-S(O)₂, R₇-C₁₋₅ alkyl, R₈-C₁₋₅ alkoxy, R₉-C(O)-C₁₋₅ alkyl, R₁₀-C₁₋₅ alkyl(R₁₁)N, carboxy-mono- or di-(C₁₋₅alkyl)-amino;

a fused aryl selected from benzocyclobutanyl, indanyl, indenyl, dihydronaphthyl, 10 tetrahydronaphthyl, benzocycloheptanyl and benzocycloheptenyl, or a fused heteroaryl selected from cyclopentenopyridinyl, cyclohexanopyridinyl, cyclopentanopyrimidinyl, cyclohexanopyrimidinyl, cyclopentanopyrazinyl, cyclohexanopyrazinyl, cyclopentanopyridazinyl, cyclohexanopyridazinyl, cyclopentanoquinolinyl, cyclohexanoquinolinyl, cyclopentanoisoquinolinyl, cyclohexanoisoquinolinyl, 15 cyclopentanoindolyl, cyclohexanoindolyl, cyclopentanobenzimidazolyl, cyclohexanobenzimidazolyl, cyclopentanobenzoxazolyl, cyclohexanobenzoxazolyl, cyclopentanoimidazolyl, cyclohexanoimidazolyl, cyclopentanothienyl and cyclohexanothienyl; wherein the fused aryl or fused heteroaryl ring is independently substituted with zero to three phenyl, naphthyl, pyridinyl, pyrimidinyl, pyrazinyl, 20 pyridazinyl, pyrrolyl, imidazolyl, pyrazolyl, thienyl, furyl, isoxazolyl, isothiazolyl, C₁₋₆ alkyl which is optionally partially or fully halogenated, halogen, nitrile, C₁₋₃ alkyloxy which is optionally partially or fully halogenated, phenyloxy, naphthyloxy, heteroaryloxy or heterocyclicoxy wherein the heteroaryl or heterocyclic moiety is as hereinabove described in this paragraph, nitro, amino, mono- or di-(C_{1.3}alkyl)amino, phenylamino, 25 naphthylamino, heteroaryl or heterocyclic amino wherein the heteroaryl or heterocyclic moiety is as hereinabove described in this paragraph, NH₂C(O), mono- or di-(C₁-3alkyl)aminocarbonyl, C₁₋₄ alkyl-OC(O), C₁₋₅ alkyl-C(O)-C₁₋₄ alkyl, amino-C₁₋₅ alkyl, mono- or di-(C₁₋₃)alkylamino-C₁₋₅ alkyl, R₁₂-C₁₋₅ alkyl, R₁₃-C₁₋₅ alkoxy, R₁₄-C(O)-C₁₋₅ 30 alkyl or R_{15} - C_{1-5} alkyl(R_{16})N;

cyclopropanyl, cyclobutanyl, cyclopentanyl, cyclohexanyl, cycloheptanyl, bicyclopentanyl, bicyclohexanyl or bicycloheptanyl, each being optionally be partially or fully halogenated and optionally substituted with one to three C₁₋₃ alkyl groups, or an analog of such cycloalkyl group wherein one to three ring methylene groups are independently replaced by O, S, CHOH, >C=O, >C=S or NH;

cyclopentenyl, cyclohexenyl, cyclohexadienyl, cycloheptenyl, cycloheptadienyl, bicyclohexenyl or bicycloheptenyl, each optionally substituted with one to three C₁₋₃ alkyl groups;

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 C_{14} alkyl-phenyl-C(O)- C_{14} alkyl-, C_{14} alkyl-C(O)- C_{14} alkyl- or C_{14} alkyl-phenyl- $S(O)_m$ - C_{14} alkyl-;

 C_{1-6} alkyl or C_{1-6} branched or unbranched alkoxy each of which is optionally partially or fully halogenated or optionally substituted with R_{17} ;

OR₁₈ or C₁₋₆ alkyl optionally substituted with OR₁₈;

amino or mono- or di-(C₁₋₅alkyl)amino optionally substituted with R₁₉;

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$$\begin{split} R_{20}C(O)N(R_{21})\text{--, } R_{22}O\text{- or } R_{23}R_{24}NC(O)\text{--; } R_{26}(CH_2)_mC(O)N(R_{21})\text{- or } \\ R_{26}C(O)(CH_2)_mN(R_{21})\text{--; } \end{split}$$

 C_{2-6} alkenyl substituted by $R_{23}R_{24}NC(O)$ -;

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 C_{2-6} alkynyl branched or unbranched carbon chain, optionally partially or fully halogenated, wherein one or more methylene groups are optionally replaced by O, NH, $S(O)_m$ and wherein said alkynyl group is optionally independently substituted with one to two oxo groups, pyrroldinyl, pyrrolyl, morpholinyl, piperidinyl, piperazinyl, imidazolyl, phenyl, pyridinyl, tetrazolyl one or more C_{1-4} alkyl optionally substituted by one or more halogen atoms, nitrile, morpholino, piperidinyl, piperazinyl, imidazolyl, phenyl,

pyridinyl, tetrazolyl, or mono- or $di(C_{1.4} \text{ alkyl})$ amino which may be substituted by one or more halogen atoms; or aroyl;

5 R_6 is a:

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C₁₋₄ alkyl optionally partially or fully halogenated and optionally substituted with R₂₆;

each R₇, R₈, R₉, R₁₀, R₁₂, R₁₃, R₁₄, R₁₅, R₁₇, R₁₉, R₂₅ and R₂₆ is independently: nitrile, phenyl, morpholino, piperidinyl, piperazinyl, imidazolyl, pyridinyl, tetrazolyl, amino or mono- or di-(C₁₋₄alkyl)amino optionally partially or fully halogenated;

each R₁₁ and R₁₆ is independently: hydrogen or C₁₋₄ alkyl optionally partially or fully halogenated;

R₁₈ is independently:

hydrogen or a C₁₋₄ alkyl optionally independently substituted with oxo or R₂₅;

R₂₀ is independently:

 C_{1-10} alkyl optionally partially or fully halogenated, phenyl, or pyridinyl;

 R_{21} is independently:

hydrogen or C₁₋₃ alkyl optionally partially or fully halogenated;

each R_{22} , R_{23} and R_{24} is independently:

hydrogen, C_{1-6} alkyl optionally partially or fully halogenated, said C_{1-6} alkyl is optionally interrupted by one or more O, N or S, said C_{1-6} alkyl also being independently optionally substituted by mono- or di- $(C_{1-3}$ alkyl)aminocarbonyl, phenyl, pyridinyl, amino or mono- or di- $(C_{1-4}$ alkyl)amino each of which is optionally partially or fully halogenated and optionally substituted with mono- or di- $(C_{1-3}$ alkyl)amino;

or R₂₃ and R₂₄ taken together optionally form a heterocyclic or heteroaryl ring;

m = 0, 1 or 2;

W is O or S and

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pharmaceutically acceptable derivatives thereof.

2. The compound according to claim 1 wherein

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G is phenyl, pyridinyl, pyridonyl, naphthyl, quinolinyl, isoquinolinyl, pyrazinyl, benzimidazolyl, benzoxazolyl, benzofuranyl, benzothiophenyl, benzpyrazolyl, dihydrobenzofuranyl, dihydrobenzothiophenyl, indanyl, indenyl, indolyl, indolinyl, indolonyl or indolinonyl, wherein G is substituted by one or more R₁, R₂ or R₃;

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Ar is:

naphthyl, quinolinyl, isoquinolinyl, tetrahydronaphthyl, tetrahydroquinolinyl, tetrahydroisoquinolinyl, indanyl, indenyl or indolyl each being optionally substituted by one or more R_4 or R_5 groups;

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X is:

phenyl, furanyl, thienyl, pyrrolyl, pyrazolyl, imidazolyl, pyridinyl, pyrimidinyl, pyridinonyl, dihydropyridinonyl, maleimidyl, dihydromaleimidyl, piperdinyl, piperazinyl, pyridazinyl or pyrazinyl;

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Y is:

a bond or

a C_{1-4} saturated or unsaturated carbon chain wherein one of the carbon atoms is optionally replaced by O, N, or $S(O)_m$ and wherein Y is optionally independently substituted with

one to two oxo groups, phenyl or one or more C_{1-4} alkyl optionally substituted by one or more halogen atoms;

Z is:

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nitrile, C_{1-6} alkyl-S(O)_m, halogen, hydroxy, C_{1-4} alkoxy, amino, mono- or di-(C_{1-6} alkyl)amino, mono- or di-(C_{1-3} alkyl)aminocarbonyl, or NH₂C(O);

each R_1 is independently:

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 C_{3-6} alkyl optionally partially or fully halogenated, and optionally substituted with one to three C_{3-6} cycloalkyl, phenyl, thienyl, furyl, isoxazolyl or isothiazolyl; each of the aforementioned being optionally substituted with one to three groups selected from halogen, C_{1-3} alkyl which is optionally partially or fully halogenated, hydroxy, nitrile or C_{1-3} alkoxy which is optionally partially or fully halogenated;

cyclopropyl, cyclobutyl, cyclopentanyl, cyclohexanyl, bicyclopentanyl or bicyclohexanyl, each being optionally partially or fully halogenated and optionally substituted with one to three C_{1-3} alkyl groups optionally partially or fully halogenated, CN, hydroxy C_{1-3} alkyl or phenyl; or an analog of such cycloalkyl group wherein one to three ring methylene groups are independently replaced by O, S, CHOH, >C=O, >C=S or NH; or

silyl containing three C₁₋₄ alkyl groups optionally partially or fully halogenated;

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R₂ is independently:

halogen, C_{1-3} alkoxy, C_{1-3} alkyl- $S(O)_m$ optionally partially or fully halogenated, phenylsulfonyl or nitrile;

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R₃ is independently:

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phenyl, morpholino, pyridinyl, pyrimidinyl, pyrazinyl, pyrrolyl, pyrrolylidinyl, imidazolyl, pyrazolyl, each being optionally substituted with one to three phenyl, naphthyl, heterocycle or heteroaryl as hereinabove described in this paragraph, C₁₋₆ alkyl which is optionally partially or fully halogenated, cyclopropanyl, cyclobutanyl, cyclohexanyl, cyclohexanyl, bicyclohexanyl, bicyclohexanyl, bicyclohexanyl, bicyclohexanyl, phenyl C₁₋₅ alkyl, naphthyl C₁₋₅ alkyl, halogen, oxo, hydroxy, nitrile, C₁₋₃ alkyloxy optionally partially or fully halogenated, phenyloxy, naphthyloxy, heteroaryloxy or heterocyclicoxy wherein the heteroaryl or heterocyclic moiety is as hereinabove described in this paragraph, nitro, amino, mono- or di-(C₁₋₃alkyl)amino, phenylamino, naphthylamino, heteroaryl or heterocyclic amino wherein the heteroaryl or heterocyclic moiety is as hereinabove described in this paragraph, NH₂C(O), a mono- or di-(C₁₋₃alkyl)aminocarbonyl, C₁₋₅ alkyl-C(O)-C₁₋₄ alkyl, mono- or di-(C₁₋₃alkyl)amino, mono- or di-(C₁₋₃alkyl)amino-C₁₋₅ alkyl, R₈-C₁₋₅ alkyl, R₉-C(O)-C₁₋₅ alkyl, R₁₀-C₁₋₅ alkyl(R₁₁)N, carboxy-mono- or di-(C₁₋₅)-alkyl-amino;

 C_{1-3} alkyl or C_{1-4} alkoxy each being optionally partially or fully halogenated or optionally substituted with R_{17} ;

 OR_{18} or C_{1-6} alkyl optionally substituted with OR_{18} ;

amino or mono- or di- $(C_{1-5}$ alkyl)amino optionally substituted with R_{19} ;

25 $R_{20}C(O)N(R_{21})$ -, $R_{22}O$ -; $R_{23}R_{24}NC(O)$ -; $R_{26}CH_2C(O)N(R_{21})$ - or $R_{26}C(O)CH_2N(R_{21})$ -; $C_{2.4}$ alkenyl substituted by $R_{23}R_{24}NC(O)$ -; or

C₂₋₄ alkynyl branched or unbranched carbon chain optionally partially or fully halogenated and optionally independently substituted with one to two oxo groups, pyrroldinyl, pyrrolyl, morpholinyl, piperidinyl, piperazinyl, imidazolyl, phenyl, pyridinyl,

tetrazolyl or one or more C_{1-4} alkyl optionally substituted by one or more halogen atoms; and

R₂₃ and R₂₄ taken together optionally form imidazolyl, piperidinyl, morpholinyl, piperazinyl or a pyridinyl ring.

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3. The compound according to claim 2 wherein:

G is phenyl, pyridinyl, pyridonyl, naphthyl, quinolinyl, isoquinolinyl, pyrazinyl, benzothiophenyl, dihydrobenzofuranyl, dihydrobenzothiophenyl, indanyl, indolyl, indolonyl or indolinonyl, wherein G is substituted by one or more R₁, R₂ or R₃;

Ar is naphthyl;

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X is

phenyl, imidazolyl, pyridinyl, pyrimidinyl, piperdinyl, piperazinyl, pyridazinyl or pyrazinyl each being optionally independently substituted with one to three C_{1-4} alkyl, C_{1-4} alkoxy, hydroxy, nitrile, amino, mono- or di- $(C_{1-3}$ alkylamino)carbonyl, $NH_2C(O)$, C_{1-6} alkyl- $S(O)_m$ or halogen;

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Y is:

a bond or

a C_{1-4} saturated carbon chain wherein one of the carbon atoms is optionally replaced by O, N or S and wherein Y is optionally independently substituted with an oxo group;

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Z is:

C₁₋₃ alkoxy;

each R_1 is independently:

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 C_{3-5} alkyl optionally partially or fully halogenated, and optionally substituted with phenyl substituted with zero to three halogen, C_{1-3} alkyl which is optionally partially or fully halogenated, hydroxy, nitrile or C_{1-3} alkoxy which is optionally partially or fully halogenated;

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cyclopropyl, cyclobutyl, cyclopentanyl, cyclohexanyl, bicyclopentanyl or bicyclohexanyl, each being optionally partially or fully halogenated and optionally substituted with one to three C₁₋₃ alkyl groups optionally partially or fully halogenated, CN, hydroxyC₁₋₃alkyl or phenyl; and an analog of cyclopropyl, cyclobutyl, cyclopentanyl, cyclohexanyl, bicyclopentanyl or bicyclohexanyl wherein one ring methylene group is replaced by O; and

silyl containing three C_{1-2} independently alkyl groups optionally partially or fully halogenated;

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each R₂ is independently: bromo, chloro, fluoro, methoxy, methylsulfonyl or nitrile;

each R₃ is independently:

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phenyl, morpholino, pyridinyl, pyrimidinyl, pyrrolylidinyl, 2,5-pyrrolidin-dionyl, imidazolyl, pyrazolyl, each of the aforementioned is optionally substituted with one to three C_{1-3} alkyl which is optionally partially or fully halogenated, halogen, oxo, hydroxy, nitrile and C_{1-3} alkyloxy optionally partially or fully halogenated;

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 C_{1-3} alkyl or C_{1-3} alkoxy optionally partially or fully halogenated or optionally substituted with R_{17} ;

 OR_{18} or C_{1-3} alkyl optionally substituted with OR_{18} ;

amino or mono- or di-(C₁-3 alkyl)amino optionally substituted with R₁₉;

 $R_{20}C(O)N(R_{21})$ -, $R_{22}O$ -; $R_{23}R_{24}NC(O)$ -; $R_{26}CH_2C(O)N(R_{21})$ - or $R_{26}C(O)CH_2N(R_{21})$ -;

C₂₋₄ alkenyl substituted by R₂₃R₂₄NC(O)-; or

5 C₂₋₄ alkynyl substituted with pyrroldinyl or pyrrolyl; and

R₂₃ and R₂₄ taken together optionally form morpholino.

10 4. The compound according to claim 3 wherein

G is phenyl, pyridinyl, pyridonyl, naphthyl, quinolinyl, isoquinolinyl, dihydrobenzofuranyl, indanyl, indolinyl, indolonyl, or indolinonyl, wherein G is substituted by one or more R_1 , R_2 or R_3 ;

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Ar is 1-naphthyl;

X is:

phenyl, imidazolyl, pyridinyl, pyrimidinyl, piperdinyl, piperazinyl, pyridazinyl or pyrazinyl;

Y is:

a bond or

-CH₂-, -CH₂CH₂-, -C(O)-, -O-, -S-, -NH-CH₂CH₂CH₂-, -N(CH₃)-, or -NH-;

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each R₁ is independently:

C₃₋₅ alkyl optionally partially or fully halogenated, and optionally substituted with phenyl;

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cyclopropyl, cyclopentanyl, cyclohexanyl and bicyclopentanyl optionally substituted with one to three methyl groups optionally partially or fully halogenated, CN, hydroxymethyl or phenyl; or 2-tetrahydrofuranyl substituted by methyl; or trimethyl silyl;

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each R₃ is independently:

phenyl, morpholinyl, pyridinyl, pyrimidinyl, pyrrolylidinyl, 2,5-pyrrolidin-dionyl, imidazolyl or pyrazolyl, wherein any of the aforementioned is optionally substituted with C_{1-2} alkyl which is optionally partially or fully halogenated;

 C_{1-3} alkyl or C_{1-3} alkoxy each being optionally partially or fully halogenated or optionally substituted with diethylamino;

OR₁₈ or C_{1-3} alkyl optionally substituted with OR₁₈;

amino or mono- or di-(C₁₋₃ alkyl)amino optionally substituted with R₁₉;

 $CH_3C(O)NH_{-}$, $R_{22}O_{-}$; $R_{23}R_{24}NC(O)_{-}$; $R_{26}CH_2C(O)N(R_{21})_{-}$ or $R_{26}C(O)CH_2N(R_{21})_{-}$;

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C₂₋₄alkenyl substituted by R₂₃R₂₄NC(O)-; or

C₂₋₄ alkynyl substituted with pyrroldinyl or pyrrolyl;

- R_{23} and R_{24} are H or R_{23} and R_{24} taken together optionally form morpholino; and R_{26} is morpholino.
 - 5. The compound according to claim 4 wherein

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G is

phenyl, pyridinyl or naphthyl wherein G is substituted by one or more R₁, R₂ or R₃;

X is:

imidazolyl or pyridinyl;

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Y is:

-CH₂-, -NH-CH₂CH₂- or -NH-;

each R₁ is independently:

tert-butyl, sec-butyl, tert-amyl or phenyl;

R₂ is chloro;

R₃ is independently:

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methyl, methoxy, methoxymethyl, hydroxypropyl, acetamide, morpholino or morpholinocarbonyl.

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6. The compound according to claim 5 wherein X is pyridinyl.

7. The compound according to claim 6 wherein the pyridinyl is attached to Ar via the 3-pyridinyl position.

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8. A compound of the formula (III):

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$$G \underbrace{ \begin{array}{c} W \\ N \\ H \end{array}} Ar - X - Y - Z$$

(III)

wherein:

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E is -NH-;

G is:

phenyl, naphthyl, benzocyclobutanyl, dihydronaphthyl, tetrahydronaphthyl, benzocycloheptanyl, benzocycloheptenyl, indanyl, indenyl;

pyridinyl, pyridonyl, quinolinyl, dihydroquinolinyl, tetrahydroquinoyl, isoquinolinyl, tetrahydroisoquinoyl, pyridazinyl, pyrimidinyl, pyrazinyl, benzimidazolyl, benzthiazolyl, benzooxazolyl, benzofuranyl, benzothiophenyl, benzpyrazolyl, dihydrobenzofuranyl, dibenzofuranyl, dihydrobenzothiophenyl, benzooxazolonyl, benzo[1,4]oxazin-3-onyl, benzodioxolyl, benzo[1,3]dioxol-2-onyl, benzofuran-3-onyl, tetrahydrobenzopyranyl, indolyl, 2,3-dihydro-1H-indolyl, indolinyl, indolonyl, indolonyl, phthalimidyl;

oxetanyl, tetrahydrothiophenyl, piperidinyl, piperazinyl, morpholino, tetrahydropyranyl, dioxanyl, 3,4-dihydro-2H-benzo[1,4]oxazinyl, tertrahydropyridinyl, homopiperidinyl, pyrrolinyl, tetrahydropyrimidinyl, decahydroquinolinyl, decahydroisoquinolinyl, thiomorpholino, dihydropyranyl, oxocanyl or heptacanyl; wherein G is optionally substituted by one or more R_1 , R_2 or R_3 .

Ar is:

phenyl, naphthyl, quinolinyl, isoquinolinyl, tetrahydronaphthyl, tetrahydroquinolinyl, tetrahydroisoquinolinyl, benzimidazolyl, benzofuranyl, dihydrobenzofuranyl, indolinyl, benzothienyl, dihydrobenzothienyl, indanyl, indenyl or indolyl each being optionally substituted by one or more R₄ or R₅;

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X is:

a C_{5-8} cycloalkyl or cycloalkenyl optionally substituted with one to two oxo groups or one to three C_{1-4} alkyl, C_{1-4} alkoxy or C_{1-4} alkylamino chains each being branched or unbranched;

aryl, furanyl, thienyl, pyrrolyl, pyrazolyl, imidazolyl, pyridinyl, pyrimidinyl, pyridinonyl, dihydropyridinonyl, maleimidyl, dihydromaleimidyl, piperdinyl, benzimidazole, 3H-imidazo[4,5-b]pyridine, piperazinyl, pyridazinyl or pyrazinyl; each being optionally independently substituted with one to three C₁₋₄ alkyl, C₁₋₄alkoxy, hydroxy, nitrile, amino, mono- or di-(C₁₋₃ alkyl)amino, mono- or di-(C₁₋₃ alkylamino)carbonyl, NH₂C(O), C₁₋₆ alkyl-S(O)_m or halogen;

Y is:

a bond or a C_{1-4} saturated or unsaturated branched or unbranched carbon chain optionally partially or fully halogenated, wherein one or more C atoms are optionally replaced by O, N, or $S(O)_m$ and wherein Y is optionally independently substituted with one to two oxo groups, nitrile, phenyl or one or more C_{1-4} alkyl optionally substituted by one or more halogen atoms;

Z is:

hydroxy, halogen, nitrile, amino wherein the N atom is optionally independently monoor di-substituted by C₁₋₃acyl, C₁₋₆alkyl or C₁₋₃alkoxyC₁₋₃alkyl, C₁₋₆alkyl branched or unbranched, C₁₋₆alkoxy, C₁₋₃acylamino, nitrileC₁₋₄alkyl, C₁₋₆ alkyl-S(O)_m, and phenyl-S(O)_m, wherein the phenyl ring is optionally substituted with one to two halogen, C₁₋₆ alkoxy, hydroxy or mono- or di-(C₁₋₃ alkyl)amino;

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each R₁ is independently:

 C_{1-10} alkyl branched or unbranched optionally partially or fully halogenated, wherein one or more C atoms are optionally independently replaced by O, N or S(O)_m, and wherein said C_{1-10} alkyl is optionally substituted with one to three C_{3-10} cycloalkyl, hydroxy, oxo, phenyl, naphthyl, pyridinyl, pyrimidinyl, pyrazinyl, pyridazinyl, pyrrolyl, pyrrolidinyl, imidazolyl, pyrazolyl, thienyl, furyl, dioxolanyl, isoxazolyl or isothiazolyl; each of the

aforementioned being optionally substituted with one to five groups selected from halogen, C_{1-6} alkyl which is optionally partially or fully halogenated, C_{3-8} cycloalkanyl, C_{5-8} cycloalkenyl, hydroxy, nitrile, C_{1-3} alkoxy which is optionally partially or fully halogenated, $NH_2C(O)$, mono- or $di(C_{1-3}alkyl)$ amino, and mono- or $di(C_{1-3}alkyl)$ aminocarbonyl;

or R₁ is

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cyclopropyloxy, cyclobutyloxy, cyclopentyloxy, cyclohexyloxy, or cycloheptyloxy each being optionally partially or fully halogenated and optionally substituted with one to three C_{1-3} alkyl groups optionally partially or fully halogenated, nitrile, hydroxy C_{1-3} alkyl or aryl; or an analog of such cycloalkyl group wherein one to three ring methylene groups are independently replaced by O, $S(O)_m$, CHOH, >C=O, >C=S or NH;

phenyloxy or benzyloxy each being optionally partially or fully halogenated and optionally substituted with one to three C_{1-3} alkyl groups optionally partially or fully halogenated, nitrile, hydroxy C_{1-3} alkyl or aryl; or an analog of such cycloaryl group wherein one to two ring methyne groups are independently replaced by N;

cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, bicyclopentanyl, bicyclohexanyl or bicycloheptanyl, each being optionally partially or fully halogenated and optionally substituted with one to three C₁₋₃ alkyl optionally partially or fully halogenated, nitrile, hydroxyC₁₋₃alkyl or aryl; or an analog of such cycloalkyl group wherein one to three ring methylene groups are independently replaced by O, S(O)_m, CHOH, >C=O, >C=S or NH;

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 C_{3-10} branched or unbranced alkenyl each being optionally partially or fully halogenated, and optionally substituted with one to three C_{1-5} branched or unbranched alkyl, phenyl, naphthyl, pyridinyl, pyrimidinyl, pyrazinyl, pyridazinyl, pyrrolyl, imidazolyl, pyrazolyl, thienyl, furyl, isoxazolyl or isothiazolyl, each of the aforementioned being substituted with one to five halogen, C_{1-6} alkyl which is optionally partially or fully halogenated, cyclopropanyl, cyclobutanyl, cyclopentanyl, cyclohexanyl, cycloheptanyl,

bicyclopentanyl, bicyclohexanyl and bicycloheptanyl, hydroxy, nitrile, C_{1-3} alkyloxy which is optionally partially or fully halogenated, $NH_2C(O)$, mono- or $di(C_{1-3})$ alkyl)aminocarbonyl; the C_{3-10} branched or unbranced alkenyl being optionally interrupted by one or more heteroatoms chosen from O, N and $S(O)_m$;

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cyclopentenyl, cyclohexenyl, cyclohexadienyl, cycloheptenyl, cycloheptadienyl, bicyclohexenyl or bicycloheptenyl, wherein such cycloalkenyl group is optionally substituted with one to three C_{1-3} alkyl groups;

10 o

oxo, nitrile, halogen;

silyl containing three C₁₋₄ alkyl groups optionally partially or fully halogenated; or

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 C_{3-6} alkynyl branched or unbranched carbon chain optionally partially or fully halogenated, wherein one or more methylene groups are optionally replaced by O, NH or $S(O)_m$ and wherein said alkynyl group is optionally independently substituted with one to two oxo groups, hydroxy, pyrroldinyl, pyrrolyl, tetrahydropyranyl, one or more C_{1-4} alkyl optionally substituted by one or more halogen atoms, nitrile, morpholino, piperidinyl, piperazinyl, imidazolyl, phenyl, pyridinyl, tetrazolyl, or mono- or $di(C_{1-3}alkyl)$ amino optionally substituted by one or more halogen atoms;

each R₂, R₄, and R₅ is

a C_{1-6} branched or unbranched alkyl optionally partially or fully halogenated, C_{1-6} acyl, aroyl, C_{1-4} branched or unbranched alkoxy, each being optionally partially or fully halogenated, halogen, methoxycarbonyl, C_{1-3} alkyl-S(O)_m optionally partially or fully halogenated, or phenyl-S(O)_m;

OR₆, C₁₋₆ alkoxy, hydroxy, nitrile, nitro, halogen;

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amino- $S(O)_m$ - wherein the N atom is optionally independently mono- or di-substituted by C_{1-6} alkyl or aryl C_{0-3} alkyl, or amino wherein the N atom is optionally independently

mono- or di-substituted by C_{1-3} alkyl, aryl C_{0-3} alkyl, C_{1-6} acyl, C_{1-6} alkyl- $S(O)_m$ - or aryl C_{0-3} alkyl- $S(O)_m$ -, each of the aforementioned alkyl and aryl in this subparagraph are optionally partially or fully halogenated and optionally substituted with one to two C_{1-6} alkyl or C_{1-6} alkoxy;

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each R₃ is independently:

phenyl, naphthyl, morpholino, pyridinyl, pyrimidinyl, pyrazinyl, pyridazinyl, pyrrolyl, pyrrolidinyl, imidazolyl, pyrazolyl, thiazolyl, oxazoyl, [1,3,4]oxadiazol, triazolyl, tetrazolyl, thienyl, furyl, tetrahydrofuryl, isoxazolyl, isothiazolyl, quinolinyl, isoquinolinyl, indolyl, benzimidazolyl, benzofuranyl, benzoxazolyl, benzisoxazolyl, benzpyrazolyl, benzothiofuranyl, cinnolinyl, pterindinyl, phthalazinyl, naphthypyridinyl, quinoxalinyl, quinazolinyl, purinyl or indazolyl, each of the aforementioned is optionally substituted with one to three phenyl, naphthyl, heterocycle or heteroaryl as hereinabove described in this paragraph, C₁₋₆ branched or unbranched alkyl which is optionally partially or fully halogenated, cyclopropanyl, cyclobutanyl, cyclopentanyl, cyclohexanyl, cycloheptanyl, bicyclopentanyl, bicyclohexanyl, bicycloheptanyl, phenyl C₁₋₅ alkyl, naphthyl C_{1-5} alkyl, halogen, hydroxy, oxo, nitrile, C_{1-3} alkoxy optionally partially or fully halogenated, phenyloxy, naphthyloxy, heteroaryloxy or heterocyclicoxy wherein the heterocyclic or heteroaryl moiety is as hereinabove described in this paragraph, nitro, amino, mono- or di-(C₁₋₃alky)lamino, phenylamino, naphthylamino, heteroaryl or heterocyclic amino wherein the heteroaryl heterocyclic moiety is as hereinabove described in this paragraph, NH₂C(O), a mono- or di-(C₁₋₃alkyl) aminocarbonyl, C₁₋₅ alkyl-C(O)-C₁₋₄ alkyl, amino-C₁₋₅ alkyl, mono- or di-(C₁₋₅alkyl)amino, mono- or di-(C₁ 3alkyl)amino-C₁₋₅ alkyl, amino-S(O)₂, di-(C₁₋₃alkyl)amino-S(O)₂, R₇-C₁₋₅ alkyl, R₈-C₁₋₅ alkoxy, R_9 -C(O)- C_{1-5} alkyl, R_{10} - C_{1-5} alkyl(R_{11})N or carboxy-mono- or di-(C_{1-5} alkyl)amino;

a fused aryl selected from benzocyclobutanyl, indanyl, indenyl, dihydronaphthyl, tetrahydronaphthyl, benzocycloheptanyl and benzocycloheptenyl, or a fused heteroaryl selected from cyclopentenopyridinyl, cyclohexanopyridinyl, cyclopentanopyrimidinyl,

cyclohexanopyrimidinyl, cyclopentanopyrazinyl, cyclohexanopyrazinyl, cyclopentanopyridazinyl, cyclohexanopyridazinyl, cyclopentanoquinolinyl, cyclohexanoquinolinyl, cyclopentanoisoquinolinyl, cyclohexanoisoquinolinyl, cyclopentanoindolyl, cyclohexanoindolyl, cyclopentanobenzimidazolyl, cyclohexanobenzimidazolyl, cyclopentanobenzoxazolyl, cyclohexanobenzoxazolyl, 5 cyclopentanoimidazolyl, cyclohexanoimidazolyl, cyclopentanothienyl and cyclohexanothienyl; wherein the fused aryl or fused heteroaryl ring is independently substituted with zero to three phenyl, naphthyl, pyridinyl, pyrimidinyl, pyrazinyl, pyridazinyl, pyrrolyl, imidazolyl, pyrazolyl, thienyl, furyl, isoxazolyl, isothiazolyl, C₁₋₆ alkyl which is optionally partially or fully halogenated, halogen, nitrile, C₁₋₃ alkyloxy 10 which is optionally partially or fully halogenated, phenyloxy, naphthyloxy, heteroaryloxy or heterocyclicoxy wherein the heteroaryl or heterocyclic moiety is as hereinabove described in this paragraph, nitro, amino, mono- or di-(C₁₋₃alkyl)amino, phenylamino, naphthylamino, heteroaryl or heterocyclic amino wherein the heteroaryl or heterocyclic moiety is as hereinabove described in this paragraph, NH₂C(O), mono- or di-(C₁. 15 3alkyl)aminocarbonyl, C₁₋₄ alkyl-OC(O), C₁₋₅ alkyl-C(O)-C₁₋₄ alkyl, amino-C₁₋₅ alkyl, mono- or di-(C₁₋₃)alkylamino-C₁₋₅ alkyl, R₁₂-C₁₋₅ alkyl, R₁₃-C₁₋₅ alkoxy, R₁₄-C(O)-C₁₋₅ alkyl or R_{15} - C_{1-5} alkyl $(R_{16})N$;

cyclopropanyl, cyclobutanyl, cyclopentanyl, cyclohexanyl, cycloheptanyl, bicyclopentanyl, bicyclohexanyl or bicycloheptanyl, each being optionally be partially or fully halogenated and optionally substituted with one to three C₁₋₃ alkyl groups, or an analog of such cycloalkyl group wherein one to three ring methylene groups are independently replaced by O, S, CHOH, >C=O, >C=S or NH;

cyclopentenyl, cyclohexenyl, cyclohexadienyl, cycloheptenyl, cycloheptadienyl, bicyclohexenyl or bicycloheptenyl, each optionally substituted with one to three C_{1-3} alkyl groups;

30 C_{1-4} alkyl-phenyl-C(O)- C_{1-4} alkyl-, C_{1-4} alkyl-C(O)- C_{1-4} alkyl- or C_{1-4} alkyl-phenyl-S(O)_m- C_{1-4} alkyl-;

 C_{1-6} alkyl or C_{1-6} branched or unbranched alkoxy each of which is optionally partially or fully halogenated or optionally substituted with R_{17} ;

5 OR_{18} or C_{1-6} alkyl optionally substituted with OR_{18} ;

amino or mono- or di-(C₁₋₅alkyl)amino optionally substituted with R₁₉;

 $R_{20}C(O)N(R_{21})$ -, $R_{22}O$ - or $R_{23}R_{24}NC(O)$ -; $R_{26}(CH_2)_mC(O)N(R_{21})$ -, $R_{23}R_{24}NC(O)$ -C₁.

3alkoxy or $R_{26}C(O)(CH_2)_mN(R_{21})$ -;

 C_{2-6} alkenyl substituted by $R_{23}R_{24}NC(O)$ -;

 C_{2-6} alkynyl branched or unbranched carbon chain, optionally partially or fully halogenated, wherein one or more methylene groups are optionally replaced by O, NH, $S(O)_m$ and wherein said alkynyl group is optionally independently substituted with one to two oxo groups, pyrroldinyl, pyrrolyl, morpholino, piperidinyl, piperazinyl, imidazolyl, phenyl, pyridinyl, tetrazolyl one or more C_{1-4} alkyl optionally substituted by one or more halogen atoms, nitrile, morpholino, piperidinyl, piperazinyl, imidazolyl, phenyl, pyridinyl, tetrazolyl, or mono- or di $(C_{1-4}$ alkyl)amino optionally substituted by one or more halogen atoms;

 C_{1-6} acyl or aroyl;

 R_6 is a:

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 C_{1-4} alkyl optionally partially or fully halogenated and optionally substituted with R_{26} ;

each R_7 , R_8 , R_9 , R_{10} , R_{12} , R_{13} , R_{14} , R_{15} , R_{17} , R_{19} , R_{25} and R_{26} is independently: nitrile, phenyl, morpholino, piperidinyl, piperazinyl, imidazolyl, pyridinyl, tetrazolyl, amino or mono- or di-($C_{1.4}$ alkyl)amino optionally partially or fully halogenated;

each R₁₁ and R₁₆ is independently:

hydrogen or C₁₋₄ alkyl optionally partially or fully halogenated;

R₁₈ is independently:

5 hydrogen or a C_{1-4} alkyl optionally independently substituted with oxo or R_{25} ;

R₂₀ is independently:

 C_{1-10} alkyl optionally partially or fully halogenated, phenyl, or pyridinyl;

 R_{21} is independently:

hydrogen or C₁₋₃ alkyl optionally partially or fully halogenated;

each R₂₂, R₂₃ and R₂₄ is independently:

hydrogen, C_{1-6} alkyl optionally partially or fully halogenated, said C_{1-6} alkyl is optionally interrupted by one or more O, N or S, said C_{1-6} alkyl also being independently optionally substituted by mono- or di- $(C_{1-3}$ alkyl)aminocarbonyl, phenyl, pyridinyl, amino or mono- or di- $(C_{1-4}$ alkyl)amino each of which is optionally partially or fully halogenated and optionally substituted with mono- or di- $(C_{1-3}$ alkyl)amino;

or R₂₃ and R₂₄ taken together optionally form a heterocyclic or heteroaryl ring;

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$$m = 0, 1 \text{ or } 2;$$

W is O or S and

- 25 the pharmaceutically acceptable derivatives thereof.
 - 9. The compound according to claim 8 wherein:

30 W is O.

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10. The compound according to claim 9 wherein

G is phenyl, pyridinyl, pyridonyl, naphthyl, quinolinyl, isoquinolinyl, pyrazinyl, benzimidazolyl, benzooxazolyl, benzooxazolonyl, benzofuranyl, benzothiophenyl, benzothiophenyl, dihydrobenzofuranyl, dihydrobenzothiophenyl, 3,4-dihydro-2H-benzo[1,4]oxazinyl, indanyl, indenyl, indolyl, indolnyl, indolonyl, 2,3-dihydro-1H-indolyl or indolinonyl, wherein G is optionally substituted by one or more R₁, R₂ or R₃;

Ar is:

naphthyl, quinolinyl, isoquinolinyl, tetrahydronaphthyl, tetrahydroquinolinyl, tetrahydroisoquinolinyl, indanyl, indenyl or indolyl each being optionally substituted by one or more R_4 or R_5 groups;

X is:

phenyl, furanyl, thienyl, pyrrolyl, pyrazolyl, imidazolyl, pyridinyl, pyrimidinyl, pyridinonyl, dihydropyridinonyl, maleimidyl, dihydromaleimidyl, piperdinyl, piperazinyl, pyridazinyl or pyrazinyl; each being optionally independently substituted with one to three C_{1-4} alkyl, C_{1-4} alkoxy, hydroxy, nitrile, amino, mono- or di- $(C_{1-3}$ alkyl)amino, mono- or di- $(C_{1-3}$ alkylamino)carbonyl, NH₂C(O), C_{1-6} alkyl-S(O)_m or halogen;

Y is:

a bond or

a C₁₋₄ saturated or unsaturated carbon chain wherein one or more of the C atoms is optionally replaced by O, N, or S(O)_m and wherein Y is optionally independently substituted with one to two oxo groups, nitrile, phenyl or one or more C₁₋₄ alkyl optionally substituted by one or more halogen atoms;

30 Z is:

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nitrile, nitrile C_{1-3} alkyl, C_{1-6} alkyl- $S(O)_m$, halogen, hydroxy, C_{1-3} alkyl, C_{1-3} acylamino, C_{1-4} alkoxy, amino, mono- or di- $(C_{1-3}$ alkyl)aminocarbonyl, or amino mono or di-substituted by amino C_{1-6} alkyl or C_{1-3} alkoxy C_{1-3} alkyl;

each R₁ is independently:

 C_{1-6} alkyl branched or unbranched optionally partially or fully halogenated, wherein one or more C atoms are optionally independently replaced by O, N or S(O)_m, and wherein said C_{1-6} alkyl is optionally substituted with one to three C_{3-6} cycloalkyl, oxo, phenyl, dioxolanyl, pyrrolidinyl, furyl, isoxazolyl or isothiazolyl; each of the aforementioned being optionally substituted with one to three groups selected from halogen, C_{1-3} alkyl which is optionally partially or fully halogenated, hydroxy, nitrile and C_{1-3} alkoxy which is optionally partially or fully halogenated;

cyclopropyl, cyclobutyl, cyclopentanyl, cyclohexanyl, bicyclopentanyl or bicyclohexanyl, each being optionally partially or fully halogenated and optionally substituted with one to three C₁₋₃ alkyl groups optionally partially or fully halogenated, nitrile, hydroxyC₁₋₃alkyl or phenyl; or an analog of such cycloalkyl group wherein one to three ring methylene groups are independently replaced by O, S, CHOH, >C=O, >C=S or NH;

oxo;

C₃₋₆ alkynyl branched or unbranched carbon chain optionally partially or fully halogenated, wherein one or more methylene groups are optionally replaced by O, NH or S(O)_m and wherein said alkynyl group is optionally independently substituted with one to two oxo groups, hydroxy, pyrroldinyl, pyrrolyl, tetrahydropyranyl, C₁₋₄ alkyl optionally substituted by one or more halogen atoms, nitrile, morpholino, piperidinyl, piperazinyl, imidazolyl, phenyl, pyridinyl, tetrazolyl, or mono- or di(C₁₋₃alkyl)amino optionally substituted by one or more halogen atoms;

or

silyl containing three C₁₋₄ alkyl groups optionally partially or fully halogenated;

R₂ is independently:

- a C₁₋₅ branched or unbranched alkyl optionally partially or fully halogenated, acetyl, aroyl, C₁₋₄ branched or unbranched alkoxy, each being optionally partially or fully halogenated, halogen, methoxycarbonyl, C₁₋₂ alkyl-S(O)_m optionally partially or fully halogenated, or phenyl-S(O)_m;
- 10 C₁₋₃ alkoxy, hydroxy, nitrile, nitro, halogen;
 - amino- $S(O)_m$ wherein the N atom is optionally independently mono- or di-substituted by C_{1-3} alkyl or aryl C_{0-3} alkyl, or amino wherein the N atom is optionally independently mono- or di-substituted by C_{1-3} alkyl, aryl C_{0-3} alkyl, C_{1-3} acyl, C_{1-4} alkyl- $S(O)_m$ or aryl C_{0-3} alkyl- $S(O)_m$ -, each of the aforementioned alkyl and aryl in this subparagraph are optionally partially or fully halogenated and optionally substituted with one to two C_{1-3} alkyl or C_{1-3} alkoxy;

R₃ is independently:

phenyl, morpholino, pyridinyl, pyrimidinyl, pyrazinyl, pyrrolyl, pyrrolidinyl, imidazolyl, [1,3,4]oxadiazol, pyrazolyl, each is optionally substituted with one to three phenyl, naphthyl, heterocycle or heteroaryl as hereinabove described in this paragraph, C₁₋₆ alkyl which is optionally partially or fully halogenated, cyclopropanyl, cyclobutanyl, cyclopentanyl, cyclohexanyl, cyclohexanyl, bicyclopentanyl, bicyclohexanyl,
 bicycloheptanyl, phenyl C₁₋₅ alkyl, naphthyl C₁₋₅ alkyl, halogen, oxo, hydroxy, nitrile, C₁₋₃ alkoxy optionally partially or fully halogenated, phenyloxy, naphthyloxy, heteroaryloxy or heterocyclicoxy wherein the heteroaryl or heterocyclic moiety is as hereinabove described in this paragraph, nitro, amino, mono- or di-(C₁₋₃alkyl)amino, phenylamino, naphthylamino, heteroaryl or heterocyclic amino wherein the heteroaryl or heterocyclic
 moiety is as hereinabove described in this paragraph, NH₂C(O), a mono- or di-(C₁₋₃alkyl)amino, mono- or

di- (C_{1-3}) alkylamino- C_{1-5} alkyl, mono- or di- $(C_{1-3}$ alkyl)amino- $S(O)_2$, R_7 - C_{1-5} alkyl, R_8 - C_{1-5} alkoxy, R_9 -C(O)- C_{1-5} alkyl, R_{10} - C_{1-5} alkyl (R_{11}) N or carboxy-mono- or di- (C_{1-5}) -alkylamino;

 C_{1-3} alkyl or C_{1-4} alkoxy each being optionally partially or fully halogenated or optionally substituted with R_{17} ;

OR₁₈ or C₁₋₆ alkyl optionally substituted with OR₁₈;

amino or mono- or di- (C₁₋₅ alkyl)amino optionally substituted with R₁₉;

 $R_{20}C(O)N(R_{21})$ -, $R_{22}O$ -; $R_{23}R_{24}NC(O)$ -; $R_{26}CH_2C(O)N(R_{21})$ -, $R_{23}R_{24}NC(O)$ - C_{1-2} alkoxy or $R_{26}C(O)CH_2N(R_{21})$ -;

15 C_{2-4} alkenyl substituted by $R_{23}R_{24}NC(O)$ -; or

 C_{2-4} alkynyl branched or unbranched carbon chain optionally partially or fully halogenated wherein one of the methylene groups is optionally replaced by O, and optionally independently substituted with one to two oxo groups, pyrroldinyl, pyrrolyl, morpholino, piperidinyl, piperazinyl, imidazolyl, phenyl, pyridinyl, tetrazolyl or one or more C_{1-4} alkyl optionally substituted by one or more halogen atoms;

C₁₋₃acyl; and

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- 25 R₂₃ and R₂₄ taken together optionally form imidazolyl, piperidinyl, morpholino, piperazinyl or a pyridinyl ring.
 - 11. The compound according to claim 10 wherein:

G is

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phenyl, pyridinyl, pyridonyl, naphthyl, quinolinyl, isoquinolinyl, pyrazinyl, 3,4-dihydro-2H-benzo[1,4]oxazinyl, benzothiophenyl, dihydrobenzofuranyl, dihydrobenzothiophenyl, benzooxazolyl, indanyl, indolyl, indolinyl, indolonyl or indolinonyl, wherein G is optionally substituted by one or more R_1 , R_2 or R_3 ;

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Ar is naphthyl;

X is

phenyl, imidazolyl, pyridinyl, pyrimidinyl, piperdinyl, piperazinyl, pyridazinyl or pyrazinyl each being optionally independently substituted with one to three C_{1-4} alkyl, C_{1-4} alkoxy, hydroxy, nitrile, amino, mono- or di- $(C_{1-3}$ alkyl)amino, mono- or di- $(C_{1-3}$ alkylamino)carbonyl, $NH_2C(O)$, C_{1-6} alkyl- $S(O)_m$ or halogen;

Y is:

15 a bond or

a C₁₋₄ saturated carbon chain wherein one or more of the C atoms is optionally replaced by O, N or S and wherein Y is optionally independently substituted with nitrile or oxo;

Z is:

hydroxy, C_{1-3} alkyl, C_{1-3} alkoxy, C_{1-3} acylamino, C_{1-3} alkylsulfonyl, nitrile C_{1-3} alkyl or amino mono or di-substituted by C_{1-3} alkoxy C_{1-3} alkyl;

each R₁ is independently:

 C_{1-5} alkyl branched or unbranched optionally partially or fully halogenated, wherein one or more C atoms are optionally independently replaced by O, N or $S(O)_m$, and wherein said C_{1-5} alkyl is optionally substituted with oxo, dioxolanyl, pyrrolidinyl, furyl or phenyl each optionally substituted with one to three halogen, C_{1-3} alkyl which is optionally partially or fully halogenated, hydroxy, nitrile and C_{1-3} alkoxy which is optionally partially or fully halogenated;

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cyclopropyl, cyclobutyl, cyclopentanyl, cyclohexanyl, bicyclopentanyl or bicyclohexanyl, each being optionally partially or fully halogenated and optionally substituted with one to three C₁₋₃ alkyl groups optionally partially or fully halogenated, nitrile, hydroxyC₁₋₃alkyl or phenyl; and an analog of cyclopropyl, cyclobutyl, cyclopentanyl, cyclohexanyl, bicyclopentanyl or bicyclohexanyl wherein one ring methylene group is replaced by O;

oxo;

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10 C₂₋₄ alkynyl optionally partially or fully halogenated wherein one or more methylene groups are optionally replaced by O, and optionally independently substituted with one to two oxo groups, hydroxy, pyrroldinyl, pyrrolyl, tetrahydropyranyl, C₁₋₄ alkyl optionally substituted by one or more halogen atoms, nitrile, morpholino, piperidinyl, piperazinyl, imidazolyl, phenyl, pyridinyl, tetrazolyl, or mono- or di(C₁₋₃alkyl)amino optionally substituted by one or more halogen atoms;

or

silyl containing three $C_{1\text{-}2}$ alkyl groups optionally partially or fully halogenated;

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each R₃ is independently:

phenyl, morpholino, pyridinyl, pyrimidinyl, pyrrolidinyl, 2,5-pyrrolidin-dionyl, imidazolyl, [1,3,4]oxadiazol, pyrazolyl, each of the aforementioned is optionally substituted with one to three C_{1-3} alkyl which is optionally partially or fully halogenated, halogen, oxo, hydroxy, nitrile or C_{1-3} alkoxy optionally partially or fully halogenated;

 C_{1-3} alkyl or C_{1-3} alkoxy optionally partially or fully halogenated or optionally substituted with R_{17} ;

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 OR_{18} or C_{1-3} alkyl optionally substituted with OR_{18} ;

amino or mono- or di-(C₁₋₃ alkyl)amino optionally substituted with R₁₉;

 $R_{20}C(O)N(R_{21})$ -, $R_{22}O$ -; $R_{23}R_{24}NC(O)$ -; $R_{26}CH_2C(O)N(R_{21})$ -, $NH_2C(O)$ methoxy or $R_{26}C(O)CH_2N(R_{21})$ -;

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C₂₋₄ alkenyl substituted by R₂₃R₂₄NC(O)-; or

C₂₋₄ alkynyl substituted with pyrroldinyl or pyrrolyl;

10 C₁₋₃acyl and

R₂₃ and R₂₄ taken together optionally form morpholino.

15 12. The compound according to claim 11 wherein

G is phenyl, pyridinyl, pyridonyl, 2-naphthyl, quinolinyl, isoquinolinyl, dihydrobenzofuranyl, indanyl, 5-indolyl, 3-oxo-3,4-dihydro-2H-benzo[1,4]oxazin-8-yl, benzooxalolyl, 2,3-dihydrobenzooxazol-7-yl, 2-oxo-2,3-dihydro-1H-indol-5-yl, indolinyl, indolonyl, or indolinonyl , wherein G is optionally substituted by one or more R_1 , R_2 or R_3 ;

Ar is 1-naphthyl;

25 X is:

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phenyl, imidazolyl, pyridinyl, pyrimidinyl, piperdinyl, piperazinyl, pyridazinyl or pyrazinyl;

Y is:

30 a bond or

-CH₂-, -CH₂CH₂-, -C(O)-, -O-, -S-, -NH-CH₂CH₂CH₂-, -N(CH₃)-,

CH₂(CN)CH₂-NH-CH₂ or -NH-;

Z is

hydroxy, C₁₋₃alkyl, N,N-diC₁₋₃alkoxyC₁₋₃alkylamino, C₁₋₃acylamino, C₁₋₃alkylsulfonyl or nitrileC₁₋₃alkyl;

each R_1 is independently:

 C_{1-5} alkyl optionally partially or fully halogenated wherein one or more C atoms are optionally independently replaced by O or N, and wherein said C_{1-5} alkyl is optionally substituted with oxo, dioxolanyl, pyrrolidinyl, furyl or phenyl optionally substituted by C_{1-3} alkoxy;

cyclopropyl, cyclopentanyl, cyclohexanyl or bicyclopentanyl optionally substituted with one to three methyl groups optionally partially or fully halogenated, nitrile, hydroxymethyl or phenyl; or 2-tetrahydrofuranyl substituted by methyl; or trimethyl silyl;

propynyl substituted hydroxy or tetrahydropyran-2-yloxy;

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each R₃ is independently:

phenyl, morpholino, pyridinyl, pyrimidinyl, pyrrolidinyl, 2,5-pyrrolidin-dionyl, imidazolyl, [1,3,4]oxadiazol or pyrazolyl, each is optionally substituted with C_{1-2} alkyl which is optionally partially or fully halogenated;

 C_{1-3} alkyl or C_{1-3} alkoxy each being optionally partially or fully halogenated or optionally substituted with diethylamino;

OR₁₈ or C_{1-3} alkyl optionally substituted with OR₁₈;

amino or mono- or di- $(C_{1-3}$ alkyl)amino optionally substituted with R_{19} ;

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CH_3C(O)NH_-, R_{22}O_-; R_{23}R_{24}NC(O)_-; R_{26}CH_2C(O)N(R_{21})_-, NH_2C(O) methoxy or R_{26}C(O)CH_2N(R_{21})_-;
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5 C_{2-4} alkenyl substituted by $R_{23}R_{24}NC(O)$ -; or

C₂₋₄ alkynyl substituted with pyrroldinyl or pyrrolyl;

C₁₋₂acyl; and

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 R_{23} and R_{24} are H or R_{23} and R_{24} taken together optionally form morpholino; and

R₂₆ is morpholino.

13. The compound according to claim 12 wherein

G is

phenyl, pyridinyl, 5-indolyl, 3-oxo-3,4-dihydro-2H-benzo[1,4]oxazin-8-yl, benzooxalolyl, 2,3-dihydrobenzooxazol-7-yl, 2-oxo-2,3-dihydro-1H-indol-5-yl or 2-naphthyl wherein G is optionally substituted by one or more R₁, R₂ or R₃;

X is:

imidazolyl, pyridinyl, pyrimidinyl or pyrazinyl;

25 Y is:

a bond, CH₂(CN)CH₂-NH-CH₂, -CH₂-, -NH-CH₂CH₂CH₂- or -NH-;

Z is hydroxy, methyl, N,N-dimethoxyethylamino, acetylamino, methylsulfonyl or cyanoethyl;

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each R₁ is independently:

tert-butyl, sec-butyl, tert-amyl, phenyl, tetrahydropyran-2-yloxypropynyl, hydroxypropynyl, trihalomethyl, 2,2-diethylpropionyl or cyclohexanyl;

R₂ is chloro, nitro, amino, nitrile, methylsulfonylamino, diacetylamino, phenylsulfonylamino, N,N-di(methylsulfonyl)amino, methylsulfonyl or trihalomethylsulfonyl;

R₃ is independently:

- methyl, C₁₋₃ alkoxy, methoxymethyl, hydroxypropyl, dimethylamino, C₁₋₄alkylamino, NH₂C(O)methoxy, acetyl, pyrrolidinyl, imidazolyl, pyrazolyl, morpholino or morpholinocarbonyl.
- 15 14. The compound according to claim 13 wherein X is pyridinyl.
- 15. The compound according to claim 14 wherein the pyridinyl is attached to Ar via the 3-pyridinyl position.
 - 16. A compound selected from:
- 25
 1-(5-tert-Butyl-2-methyl-phenyl)-3-(4-{6-[(3-methoxy-propyl)-methyl-amino]-pyridin-3-yl}-naphthalen-1-yl)-urea;
- 1-(5-tert-Butyl-2-methoxy-phenyl)-3-[4-(6-hydroxymethyl-pyridin-3-yl)-naphthalen-1-30 yl]-urea;
 - 1-(3-Amino-5-tert-butyl-2-methoxy-phenyl)-3-[4-(6-methyl-pyridin-3-yl)-naphthalen-1-yl]-urea;
- 35 1-[4-(6-{[Bis-(2-methoxy-ethyl)-amino]-methyl}-pyridin-3-yl)-naphthalen-1-yl]-3-(5-tert-butyl-2-methoxy-phenyl)-urea;
 - N-(5-{4-[3-(5-tert-Butyl-2-methyl-phenyl)-ureido]-naphthalen-1-yl}-pyrazin-2-yl)-methanesulfonamide;

1-[4-(6-{[Bis-(2-cyano-ethyl)-amino]-methyl}-pyridin-3-yl)-naphthalen-1-yl]-3-(5-tert-butyl-2-methoxy-phenyl)-urea;

5 and

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N-(5-{4-[3-(5-tert-Butyl-2-methoxy-phenyl)-ureido]-naphthalen-1-yl}-pyridin-2-yl)-acetamide

- or the pharmaceutically acceptable derivatives thereof.
- 17 A pharmaceutical composition comprising a pharmaceutically effective amount of a compound according to claims 1, 8 or 16.
 - 18. A method of treating a disease mediated by cytokines which comprises administering to a patient in need of such treatment a therapeutically effective amount of a compound according to claims 1, 8 or 16.
 - 19. The method according to claim 18 wherein the cytokine-mediated disease is selected from rheumatoid arthritis, osteoarthritis, Crohn's disease, ulcerative colitis, multiple sclerosis, Guillain-Barre syndrome, psoriasis, graft versus host disease, systemic lupus erythematosus, diabetes, toxic shock syndrome, osteoporosis, Alzheimer's disease, acute and chronic pain, contact dermatitis and atherosclerosis.
- 20. A method of treating a neutrophil-mediated disease selected from stroke,
 myocardial infarction, thermal injury, adult respiratory distress syndrome (ARDS),
 multiple organ injury secondary to trauma, acute glomerulonephritis, dermatoses with
 acute inflammatory components, acute purulent meningitis, hemodialysis, leukopherisis,
 granulocyte transfusion associated syndromes and necrotizing entrerocolitis, which

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comprises administering to a patient in need of such treatment a therapeutically effective amount of a compound according to claims 1, 8 or 16.

- 21. A method of making a compound of the formula(II) according to claim 1, comprising:
- a) reacting an arylamine with phenyl chloroformate in a suitable halogenated solvent with a suitable base at $0 85^{\circ}$ C for about 2 24 hours:

$$G_{NH_2}$$
 $\xrightarrow{CICO_2Ph}$ G_{NH_2} \xrightarrow{O} Ph

b) isolating and subsequently reacting the product of step a) with an arylamine shown below in a non-protic anhydrous solvent at $0 - 110^{0}$ C for about 2 - 24 hours, to produce a compound of the formula (II):

wherein W is O and G, Ar, X, Y and Z are as defined in claim 1.

- 22. A method of making a compound of the formula(III) according to claim 8, comprising:
 - a) reacting an arylamine with phenyl chloroformate in a suitable halogenated solvent with a suitable base at $0 85^{\circ}$ C for about 2 24 hours:

$$G_{NH_{2}} \xrightarrow{CICO_{2}Ph} G_{N} \xrightarrow{O} Ph$$

b) isolating and subsequently reacting the product of step a) with an arylamine shown below in a non-protic anhydrous solvent at $0 - 110^{0}$ C for about 2 - 24 hours, to produce a compound of the formula (III):

$$G \stackrel{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{N}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{\mathsf{N}}}}{\overset{N}}}{\overset{\mathsf{N}}}{\overset{\mathsf{N}}}}{\overset{N$$

wherein E is N-H, W is O and G, Ar, X, Y and Z are as defined in claim 8.

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